



NOAA Restoration Center

Tomales Bay Native Oyster Restoration

Project Description

The main goal of the restoration plan is to restore the native Pacific oyster fishery on a pilot scale in Tomales Bay, CA. The effectiveness of experimentally constructed shell mounds will be tested for effectiveness as recruitment substrata. Volunteers will participate in the project by monitoring rates of recruitment and survival of the oysters at various sites around Tomales Bay.

Project Nickname Tomales Bay Oyster (NOAA RC NA17FZ2781)
Location Marshall, Point Reyes Station, Inverness, Marin County, CA, 94971 SWR
Program Community-based Restoration **Congressional District** CA 6
Lat, Long Coordinates -122.9434, 38.1944 **Land Ownership** Both
Implementation Start Date 01-JUN-02 **Implementation End Date** 30-NOV-03
River Basin Tomales Bay - Drakes Bay **HUC** 18050005
Geographic Identifier Tomales Bay **USGS Topo Quad** Tomales
Project Status Implementation Complete **Project Type** Restoration
Project Status Description The project is currently in its final stages, all funds have been obligated. Still waiting on final report
Landmark Tomales Bay
Number of Volunteers 10 **Volunteer Hours** 100
Volunteer Description Volunteers through the National Park Service assisted with monitoring and cataloguing invertebrates that were found on and off the oyster rack areas.
Proposed Project? **Project Closed?** N **FY Completed** 2003

Habitat Information

Type	Acres Created	Acres Re-established	Acres Rehabilitated	Acres Enhanced	Acres Protected	Stream Miles	# Plants/ Animals
mud/sand flat		1					
oyster reef							

Species Information

Commonname	Genus	Species	Population Name	NMFS Status	Species Type
Oyster, olympia	<i>Ostrea</i>	<i>conchaphila</i>			animal

Partners

University of California - Davis
Point Reyes National Seashore
Tomales Bay Watershed Council

Restoration Techniques

oyster reef construction

Contacts

Ted Grosholz

Natalie Cosentino-Manning

University of California - Davis
One Shields Ave

NOAA Restoration Center
777 Sonoma Ave
Rm 325

Davis, CA 95616

Santa Rosa, CA 95404-6515

Phone: 530-752-9151

Fax:

Phone: 707-575-6081

Fax: 707-578-3435

tedgrosholz@ucdavis.edu

Local

Natalie.C-Manning@noaa.gov

NOAA

NOAA Involvement

source of funding

Monitoring Information

Characteristic	Type
Fish density/diversity	Structural
Benthic invertebrate utilization	Structural
spat set	Functional

Additional Info

Funding Information**Funding Mechanism**

	FY Awarded	NOAA Contribution	Partnership Contribution	Total Partnership Contribution
NOAA Restoration Center	2002	\$58,999	\$0	\$58,999
TOTALS		\$58,999	\$0	\$58,999

Other Non-Federal \$ **Other Federal \$** **Total Project Cost**

Funding Recipient University of California - Davis

Funding Comments***Project Abstract***

The main goal of the restoration plan is to test the effectiveness of experimentally constructed shell mounds as recruitment substrata for native oysters. The goal is therefore to investigate how local augmentation of shell material could encourage high rates of natural recruitment.